

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended) An image transmission system comprising:

a plurality of image generating apparatuses, each image generating apparatus of said plurality of image generating apparatuses being of which is operable to generate and transmit ~~an~~ a respective image; and

an image projecting apparatus operable to project ~~the plurality of images~~ each respective image transmitted from each image generating apparatus of said plurality of image generating apparatuses apparatus,

wherein said image projecting apparatus includes:

_____ a projection unit operable to receive and project each respective image transmitted from said plurality of image generating apparatuses;

_____ a status monitoring unit operable to monitor a status of communication ~~with~~ between said image projecting apparatus and said plurality of image generating apparatuses;

_____ a beacon generating unit operable to generate information related to the status of communication ~~status which is being~~ monitored by said status monitoring unit; and

_____ a transmitting unit operable to transmit the ~~generated~~ information generated by said beacon generating unit to said plurality of image generating apparatuses ~~apparatus~~, and

wherein each respective image generating apparatus of said plurality of image generating apparatuses ~~apparatus~~ includes:

_____ a receiving unit operable to receive the information transmitted from said transmitting unit of said image projecting apparatus;

_____ an analyzing unit operable to analyze the information received by said receiving

unit; and

_____ a display unit operable to display whether or not said image projection apparatus can project the respective image generated by said respective image generating apparatus of said plurality of image generating apparatuses, based on a result of the analysis of said analyzing unit.

Claim 2 (Currently Amended) The image transmission system according to Claim 1,
wherein said beacon generating unit is operable to generate the information related to the status of communication at a predetermined interval of time.

Claim 3 (Currently Amended) The image transmission system according to Claim 1,
wherein said transmitting unit is operable to broadcast the ~~generated~~ information generated by said beacon generating unit to said plurality of image generating apparatuses.

Claim 4 (Currently Amended) The image transmission system according to Claim 1,
wherein said analyzing unit is operable to identify said image projecting apparatus ~~as to~~
~~be~~ an originator of the information generated by said beacon generating unit,
wherein each image generating apparatus of said plurality of image generating
~~apparatuses~~ apparatus further includes a notification unit operable to notify said identified image
projecting apparatus of the reception of the information generated by said beacon generating
unit,

wherein said status monitoring unit is operable to count the a number of received
notifications, ~~as the a number of image generating apparatuses, of said plurality of image~~

generating apparatuses, connected to said image projecting apparatus, and

~~wherein said beacon generating unit is operable to generate the information to include-
including the counted number of-said image generating apparatuses.~~

Claim 5 (Currently Amended) The image transmission system according to Claim 1,
wherein said image projecting apparatus further includes an ID assignment unit operable
to assign a unique identifier to identify said image projecting apparatus, and

~~wherein said beacon generating unit is operable to generate the information to include-
including the unique identifier.~~

Claim 6 (Currently Amended) The image transmission system according to Claim 5,
~~wherein said image transmission system further comprises a-comprising said plurality of
said image projecting apparatuses,~~

wherein said receiving unit is operable to receive the information from said plurality of
image projecting apparatuses,

~~wherein said analyzing unit is operable to identify each respective image projecting
apparatus of said plurality of image projecting apparatuses-apparatus to be an originator of the
information based on the unique identifier generated by each respective beacon generating unit
of said plurality of image projecting apparatuses, and~~

~~wherein said display unit is operable to display the each respective unique identifier of
each respective identified image projecting apparatus-said identified image projecting apparatus.~~

Claim 7 (Currently Amended) ~~The~~An image transmission system ~~comprising: according~~
~~to Claim 5;~~

_____ a plurality of image generating apparatuses, each image generating apparatus of said
plurality of image generating apparatuses being operable to generate and transmit a respective
image; and

_____ an image projecting apparatus operable to project each respective image transmitted from
each image generating apparatus of said plurality of image generating apparatuses,

_____ wherein said image projecting apparatus includes:

_____ a status monitoring unit operable to monitor a status of communication between
said image projecting apparatus and said plurality of image generating apparatuses;

_____ a beacon generating unit operable to generate information related to the status of
communication monitored by said status monitoring unit;

_____ a transmitting unit operable to transmit the information generated by said beacon
generating unit to said plurality of image generating apparatuses;

_____ an ID assignment unit operable to assign a unique identifier to identify said image
projecting apparatus;

_____ a confirmation packet receiving unit operable to receive a confirmation packet
inquiring about a location of said image projecting apparatus; and

_____ a response output unit operable to output a response to the reception of the
confirmation packet upon receiving the confirmation packet,

_____ wherein said beacon generating unit is operable to generate the information to
include the unique identifier, and

wherein each respective image generating apparatus of said plurality of image generating apparatuses includes:

a receiving unit operable to receive the information transmitted from said transmitting unit of said image projecting apparatus;

an analyzing unit operable to analyze the information received by said receiving unit;

a display unit operable to display a result of the analysis of said analyzing unit;
and

wherein said image generating apparatus further includes

an inquiry unit operable to accept the assignment of the unique identifier of said image projecting apparatus, to generate [[a]] the confirmation packet for inquiring about the location of said image projecting apparatus, and to transmit the generated confirmation packet to said image projecting apparatus assigned having the unique identifier;

said image projecting apparatus further includes:

a confirmation packet receiving unit operable to receive the confirmation packet; and

a response output unit operable to output a response to the reception of the confirmation packet upon receiving the confirmation packet.

Claim 8 (Previously Presented) The image transmission system according to Claim 7,

wherein said response output unit is operable to output the response by making a buzzer sound or flashing an LED lamp.

Claim 9 (Currently Amended) An image transmission method of transmitting a plurality of images from a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting of which generates an a respective image[[.]] to an image projecting apparatus ~~which that~~ projects ~~the each respective image transmitted from the plurality of image generating apparatuses plurality of images,~~

wherein said image transmission method comprises ~~comprising~~ the following steps to be executed by the image projecting apparatus:

a projection step of projecting each respective image generated and transmitted from the plurality of image generating apparatuses;

a status monitoring step of monitoring a status of communication ~~with between~~ the image projecting apparatus and the plurality of image generating apparatuses;

a beacon generating step of generating information related to the status of communication ~~status which is being~~ monitored in said status monitoring step; and

a transmitting step of transmitting the ~~generated~~ information generated by said beacon generating step to the plurality of image generating apparatuses ~~apparatus, and~~

wherein said image transmission method comprises ~~comprising~~ the following steps to be executed by each respective image generating apparatus of the plurality of the image generating apparatuses ~~apparatus:~~

a receiving step of receiving the information transmitted by said transmitting step ~~from the image projecting apparatus;~~

an analyzing step of analyzing the information received by said receiving step;
and

_____ a display step of displaying whether or not the image projecting apparatus can project the respective image generated by the respective image generating apparatus of the plurality of image generating apparatuses, based on a result of the analysis-in performed by said analyzing step.

Claim 10 (Currently Amended) An image generating apparatus ~~in~~ of an image transmission system ~~which comprises including~~ a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective of which generates an image, and including an image projecting apparatus ~~that- which projects the plurality of images each respective image~~ transmitted from ~~said image-generating apparatus~~ the plurality of image generating apparatuses, said image generating apparatus comprising:

 a receiving unit operable to receive information related to a status of communication ~~with said between the~~ plurality of image generating apparatuses ~~from and the~~ said image projecting apparatus;

 an analyzing unit operable to analyze the received information received by said receiving unit; and

 a display unit operable to display whether or not the image projecting apparatus can project the respective image generated by said image generating apparatus, based on a result of the analysis of the received information ~~by~~ of said analyzing unit.

Claim 11 (Currently Amended) A computer-readable recording medium having a program

~~recorded thereon, the program for use in an image generating apparatus-in~~ of an image transmission system ~~which comprises~~ including a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective ~~of which generates an~~ image, and including an image projecting apparatus ~~which that~~ projects each respective image ~~the plurality of images~~ transmitted from the plurality of image generating apparatuses ~~apparatus, said, the~~ program causing a computer to execute the following steps:

a receiving step of receiving information related to a status of communication ~~with~~ between the plurality of image generating apparatuses ~~from and~~ the image projecting apparatus,

an analyzing step of analyzing the received information, and

a displaying step of displaying on each respective image generating apparatus of the plurality of image generating apparatuses, whether or not the image projecting apparatus can project the respective image generated by the respective image generating apparatus, based on a result of the analysis performed by-in said analyzing step.

Claim 12 (Currently Amended) An image projecting apparatus ~~in~~ of an image transmission system ~~which comprises~~ including a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective ~~of which generates an~~ image, and including ~~said an~~ image projecting apparatus ~~that~~ which projects each respective image ~~the plurality of images~~ transmitted from ~~said the plurality of image generating apparatuses~~ ~~apparatus, said image projecting apparatus comprising:~~

a projection unit operable to receive and project each respective image transmitted from

the plurality of image generating apparatuses;

a status monitoring unit operable to monitor a status of communication ~~with said~~ between said image projecting apparatus and the plurality of image generating apparatuses;

a beacon generating unit operable to generate information related to the status of communication ~~status which is being~~ monitored by said status monitoring unit; and

a transmitting unit operable to transmit the ~~generated~~ information generated by said beacon generating unit to said the plurality of image generating apparatuses-unit, and to cause each respective image generating apparatus of the plurality of image generating apparatuses to display whether or not said image projecting apparatus can project the respective image.

Claim 13 (Currently Amended) A computer-readable recording medium having a program recorded thereon, the program for use in an image projecting apparatus-in of an image transmission system which comprises including a plurality of image generating apparatuses, each image generating apparatus of the plurality of image generating apparatuses generating and transmitting a respective-of which generates an image, and including an image projecting apparatus-which that projects each respective image-the plurality of images transmitted from the plurality of said image generating apparatuses-apparatus, said, the program causing a computer to execute the following steps:

a projection step of receiving and projecting each respective image generated and transmitted from the plurality of image generating apparatuses;

a monitoring step of monitoring a status of communication ~~with said~~ between the image projecting apparatus and the plurality of image generating apparatuses;

a beacon generating step of generating information related to the status of communication status which is being monitored in said monitoring step; and

a transmitting step of transmitting the generated information generated by said beacon generating step to said the plurality of image generating apparatuses ~~apparatus~~, and causing each respective image generating apparatus of the plurality of image generating apparatuses to display whether or not the image projecting apparatus can project the respective image.

Claim 14 (New) An image transmission system comprising:

a plurality of image generating apparatuses, each image generating apparatus of said plurality of image generating apparatuses being operable to generate and transmit a respective image; and

an image display apparatus operable to display each respective image transmitted from each image generating apparatus of said plurality of image generating apparatuses,

wherein said image display apparatus includes:

an image display unit operable to receive and display each respective image generated and transmitted from said plurality of image generating apparatuses;

a status monitoring unit operable to monitor a status of communication between said image display apparatus and said plurality of image generating apparatuses;

a beacon generating unit operable to generate information related to the status of communication monitored by said status monitoring unit; and

a transmitting unit operable to transmit the information generated by said beacon generating unit to said plurality of image generating apparatuses, and

wherein each respective image generating apparatus of said plurality of image generating apparatuses includes:

a receiving unit operable to receive the information transmitted from said transmitting unit of said image display apparatus;

an analyzing unit operable to analyze the information received by said receiving unit; and

a display unit operable to display whether or not said image display apparatus can display the respective image generated by said respective image generating apparatus of said plurality of image generating apparatuses, based on a result of the analysis of said analyzing unit.